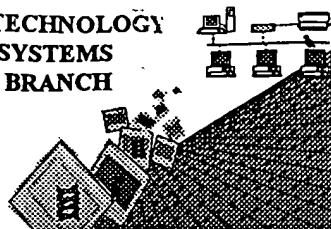


*K. Williams*

## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



56.5  
BEST AVAILABLE COPY

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/868,813  
Source: PCT09  
Date Processed by STIC: 3/28/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

**Raw Sequence Listing Error Summary**

PCT09

**ERROR DETECTED**

**SUGGESTED CORRECTION**

**SERIAL NUMBER:** 09/868,813

**ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE**

- 1      **Wrapped Nucleics  
    Wrapped Aminos**      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
  
- 2      **Invalid Line Length**      The rules require that a line not exceed 72 characters in length. This includes white spaces.
  
- 3      **Misaligned Amino  
    Numbering**      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
  
- 4      **Non-ASCII**      The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
  
- 5      **Variable Length**      Sequence(s)      contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
  
- 6      **PatentIn 2.0  
    "bug"**      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
  
- 7      **Skipped Sequences  
    (OLD RULES)**      Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence:  
     (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
     (i)      SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
     (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
     This sequence is intentionally skipped  
  
     Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
  
- 8      **Skipped Sequences  
    (NEW RULES)**      Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence.  
     <210> sequence id number  
     <400> sequence id number  
     000
  
- 9      **Use of n's or Xaa's  
    (NEW RULES)**      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
     Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
     In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
  
- 10      **Invalid <213>  
    Response**      Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
  
- 11 ✓ **Use of <220>**      Sequence(s) 1-3 missing the <220> "Feature" and associated numeric identifiers and responses.  
     Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
     (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
  
- 12      **PatentIn 2.0  
    "bug"**      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
  
- 13      **Misuse of n**      n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



**Does Not Comply  
Corrected Diskette Needed**

PCT09

**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/09/868,813

DATE: 03/28/2002

TIME: 10:15:05

Input Set : A:\sequence.txt

Output Set: N:\CRF3\03282002\I868813.raw

3 <110> APPLICANT: Willson, Tracy A.  
 4 Simpson, Richard J.  
 5 Farley, Alison M.  
 6 Nicholson, Sandra E.  
 7 Zhang, Jian-Guo  
 8 Baca, Manuel  
 9 Nicola, Nicas A.  
 10 Hilton, Douglas J.  
 11 Alexander, Warren S.  
 12 Metcalf, Donald  
 14 <120> TITLE OF INVENTION: SOCS-BOX CONTAINING PEPTIDES  
 16 <130> FILE REFERENCE: Davies Collison Cave  
 18 <140> CURRENT APPLICATION NUMBER: 09/868,813  
 19 <141> CURRENT FILING DATE: 2001-06-21  
 21 <160> NUMBER OF SEQ ID NOS: 3  
 23 <170> SOFTWARE: PatentIn Ver. 2.1  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 8  
 27 <212> TYPE: PRT  
 28 <213> ORGANISM: Artificial Sequence  
 30 <220> FEATURE:  
 31 <223> OTHER INFORMATION: Description of Artificial Sequence: amino acid  
 32 peptide  
 34 <400> SEQUENCE: 1  
 35 Asp Tyr Lys Asp Asp Asp Lys  
 36 1 5  
 39 <210> SEQ ID NO: 2  
 40 <211> LENGTH: 10  
 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Artificial Sequence  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: Description of Artificial Sequence: amino acid  
 46 peptide  
 48 <400> SEQUENCE: 2  
 49 Asp Gln Lys Leu Ile Ser Glu Glu Asp Leu  
 50 1 5 10  
 53 <210> SEQ ID NO: 3  
 54 <211> LENGTH: 14  
 55 <212> TYPE: PRT  
 56 <213> ORGANISM: Artificial Sequence  
 58 <220> FEATURE:  
 59 <223> OTHER INFORMATION: Description of Artificial Sequence: amino acid  
 60 peptide

- unacceptable, must  
 specify genetic source.  
 See error summary  
 sheet item 11

## RAW SEQUENCE LISTING

DATE: 03/28/2002

PATENT APPLICATION: US/09/868,813

TIME: 10:15:05

Input Set : A:\sequence.txt

Output Set: N:\CRF3\03282002\I868813.raw

62 &lt;400&gt; SEQUENCE: 3

63 Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp

64 1 5 10

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/868,813

DATE: 03/28/2002

TIME: 10:15:06

Input Set : A:\sequence.txt

Output Set: N:\CRF3\03282002\I868813.raw